

Winfried Decking

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/954321/publications.pdf>

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9
papers

2,236
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

2321
citing authors

#	ARTICLE	IF	CITATIONS
1	Operation of a free-electron laser from the extreme ultraviolet to the water window. Nature Photonics, 2007, 1, 336-342.	31.4	1,455
2	First Observation of Self-Amplified Spontaneous Emission in a Free-Electron Laser at 109 nm Wavelength. Physical Review Letters, 2000, 85, 3825-3829.	7.8	344
3	A MHz-repetition-rate hard X-ray free-electron laser driven by a superconducting linear accelerator. Nature Photonics, 2020, 14, 391-397.	31.4	315
4	Simultaneous operation of two soft x-ray free-electron lasers driven by one linear accelerator. New Journal of Physics, 2016, 18, 062002.	2.9	89
5	High-Fidelity Prediction of Megapixel Longitudinal Phase-Space Images of Electron Beams Using Encoder-Decoder Neural Networks. Physical Review Applied, 2021, 16, .	3.8	14
6	Perspectives towards Sub-Ångström Working Regime of the European X-ray Free-Electron Laser with Low-Emittance Electron Beams. Applied Sciences (Switzerland), 2021, 11, 10768.	2.5	5
7	Observation of harmonic lasing in the Angstrom regime at European X-ray Free Electron Laser. Physical Review Accelerators and Beams, 2021, 24, .	1.6	4
8	Frequency-Mixing Lasing Mode at European XFEL. Applied Sciences (Switzerland), 2021, 11, 8495.	2.5	1
9	Beam loss study for the implementation of corrugated structure at the European XFEL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, , 166780.	1.6	0